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# FortiToken - FortiToken Cloud Service

## QuickStart Guide

**VERSION 1.0.0**

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# Introduction

FortiToken Cloud (FTC) is a highly available secure managed service hosted in the Fortinet datacenter with 24/7 monitoring. FTC provides two-factor authentication service specifically for FortiGate in order to protect local and remote FortiGate administrators, firewall, and VPN users. There is no additional hardware or software to purchase, install, or maintain.

Users can be added directly from the FortiGate. FTC can be used with FortiToken Mobile and FortiToken Mobile Push.

For additional documentation, please visit: <http://docs.fortinet.com/fortitoken/>.

# Steps to enable FortiToken Cloud

Use the following steps to enable FTC for a user.

## 1. Register FortiToken Cloud subscription

Go to the [Fortinet Support](#) website and login. Register your FortiToken Cloud license (provided as an attachment).

## 2. Login to FortiToken Cloud portal

Navigate to the [FTC Portal](#). You will be redirected to the FortiToken Cloud Portal. If not already logged in to Fortinet Support, you will use your Fortinet support username and password to authenticate.

## 3. Create Namespace (optional)

You can use the default Namespace for all authentication clients or you can define custom Namespaces to use.

If the same username exists in multiple authentication clients within the same Namespace, that username will be treated as a single user. If the same username exists in different Namespaces, the username is treated as different users.

## 4. Update FortiGate firmware with special FortiOS version image

A special version of FortiOS version 6 is required until 6.2 GA is available:

<https://info.fortinet.com/branches/8299/>

## 5. Activate FortiGate VDOM for FTC Service

Use the FortiGate CLI to activate FTC for specific FortiGate VDOMs. Enter the following command:

```
config global
config system ftc-namespace
edit customer1
set namespace NS1
set vdom-list root
set status enable
next
end
```

Navigate to the AUTH CLIENTS tab to see the newly added FortiGate VDOM.

## 6. Settings

Two-factor authentication settings will be configurable in a future version of FTC. For now, the following settings are applied:

- Disable user account lockout policy
- Token algorithm: TOTP
- Time step: 30
- TOTP authentication window size: two time steps
- TOTP synchronization window size: 60 time steps
- Activation timeout: 72 hours
- Token size: six digits
- PIN not required

## 7. Enable FortiGate user for FortiToken Cloud

You can apply the FTC service to any FortiGate user or administrator by setting the `two-factor` parameter to `ftc`. Use the following command to enable FTC for a local FortiGate user:

```
config user local
  edit <name>
    set type password
    set two-factor ftc
    set email-to <email-address>
    set password <password>
  next
end
```

Note that `ftc` is only available when the FortiGate VDOM has been activated for the FTC service.



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